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Dear Sir:

Attached please find the cover page of MARECHAL et al, U.S. Patent No. 4,481,023. This patent identifies the following applications (the "Identified Applications"):

Ser. No. 06/515,662 filed July 20, 1983;  
 Ser. No. 07/139,767 filed Dec. 30, 1987;  
 Ser. No. 07/445,441 filed Dec. 4, 1989;  
 Ser. No. 07/533,840 filed June 6, 1990.

Pursuant to paragraph 102 of the Manual of Patent Examining Procedure, and 37 C.F.R. §§ 1.14(a)(2), please provide us with the status information regarding the Identified Applications, including:

- a) whether the applications are **pending, abandoned, or patented**;
- b) any and all related **Parent/Child data** information for ALL related applications;
- c) the **application numbers and filing dates**; and
- d) whether one or more applications claim the benefit of the filing date of the Identified Applications, and if there is such other application(s), the application number(s), filing date(s) and whether the other application(s) is (are) **pending, abandoned or patented**.

Please provide us with the requested information pursuant to the attached M.P.E.P. section. Thank you for your assistance in this matter.

Very truly yours,  
 GREENBLUM & BERNSTEIN  
 (mw J1694169)